

[REDACTED]

Digital Readout Comparator [REDACTED]

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The first unit was shipped to [REDACTED] and received by them on Monday Jan. 20. [REDACTED] has not started to work with this unit yet, so there are no reports of problems from the user.

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[REDACTED] is in the final stages of checking out the second unit. They found some wiring errors on the boards, but on the whole it seems to be going well. They also discovered some poor workman ship in their cables and were concerned that it was possible the cables for the first unit had the same thing wrong. They immediately contacted [REDACTED] and asked him to take a look at the cables to see if they were OK. Dave said he would but they have not heard from him yet. The cables of course were working alright when [REDACTED] shipped them with the unit.

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The replacements for the broken [REDACTED] switches on the front panel were received. [REDACTED] did not send a mounting bracket with them, so [REDACTED] in Idaho. [REDACTED] promised to send the brackets air mail, so they should arrive Monday.

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[REDACTED], the electronic technician working on the unit, and [REDACTED] the engineer expect to finish their checkout this afternoon. The unit will then be operated continuously for about 8 hours, then it goes to QC for visual check and sign off. They expect to ship it sometime next week.

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They do not have as much information on the [REDACTED] pulse as they would like. The best thing of course would be for them to have a reading head and feed its output to their counter. Then they would be sure there is no problem. They don't know for example if the pulse is symmetrical, or the rise time or the leading edge or the fall time of the trailing edge. The input impedance of their counter is 20K ohms and they assume that is adequate for the [REDACTED] reading head. They would also like to be assured that the pulse height of 1 volt stays constant over the range of the counting rate. If not, how much does it vary? All they really know about the pulse they are counting is that it is a square wave of 1 volt peak. The previous project engineer who started the design may have some of this information, but the current [REDACTED]

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Approved for Release 2001/08/13 : C

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DECLASS
REVIEW by
NIMA/DOD

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MEMORANDUM FOR:

[REDACTED]

*coordinated
13 Feb 64
10:30
JG*

Could you have

[REDACTED]

coordinate the

*matter referred to in
last para*

JG
(DATE)

FORM NO. 101 REPLACES FORM 10-101
1 AUG 54 WHICH MAY BE USED.

(47)